



Infrared Emitters

Ta=25°C

Device No	Wavelength	Lens Color	Forward Voltage		Radiant Output Power (mw/sr)			View Angle 2θ1/2
	λp(nm)		Typ(V)	IF(mA)	Minimum	Typical	IF(mA)	

SMD 1206									
	HIRCL-150C-4	940	Water clear	1.21	20	0.6	1.0	20	140
	HIRCL-150D-4	940		1.18		0.6	1.2		
	HIRCL-150E-4	880		1.35		0.4	0.6		
	HIRCL-150G-4	850		1.47		1.0	1.8		

SMD 0805									
	HIRCL-170C-4	940	Water clear	1.21	20	0.6	1.0	20	140
	HIRCL-170D-4	940		1.18		0.6	1.2		
	HIRCL-170E-4	880		1.35		0.4	0.6		
	HIRCL-170G-4	850		1.47		1.0	1.8		

SMD 0603									
	HIRCL-190C-4	940	Water clear	1.21	20	0.6	1.0	20	140
	HIRCL-190D-4	940		1.18		0.6	1.2		
	HIRCL-190E-4	880		1.35		0.4	0.6		
	HIRCL-190G-4	850		1.47		1.0	1.8		